

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

LIST OF EFFECTIVE PAGES

<u>CHAPTER SECTION</u>	<u>PAGE</u>	<u>DATE</u>	<u>CHAPTER SECTION</u>	<u>PAGE</u>	<u>DATE</u>
LEP	1	Apr 13/2001		4	Nov 25/95
	2    blank	Apr 13/2001			
Contents	1	Apr 13/2001			
	2    blank	Apr 13/2001			
77-00-01 Figure 1	1	Sep 29/2000			
	2	Sep 29/2000			
	3	Sep 29/2000			
	4	Sep 29/2000			
	5	Sep 29/2000			
	6	Sep 29/2000			
77-00-01 Figure 2	1	Sep 29/2000			
	2	Sep 29/2000			
	3	Sep 29/2000			
	4	Sep 29/2000			
	5	Sep 29/2000			
	6	Sep 29/2000			
77-00-01 Figure 3	1	Sep 29/2000			
	2	Sep 29/2000			
	3	Sep 29/2000			
	4	Sep 29/2000			
	5	Sep 29/2000			
	6	Sep 29/2000			
	7	Sep 29/2000			
	8    blank	Sep 29/2000			
77-00-02 Figure 1	1	Apr 13/2001			
	2	Apr 13/2001			
	3	Apr 13/2001			
	4	Apr 13/2001			
	5	Apr 13/2001			
	6	Apr 13/2001			
	7	Apr 13/2001			
	8    blank	Apr 13/2001			
77-00-03 Figure 1	1	Nov 25/95			
	2	Nov 25/95			
	3	Nov 25/95			



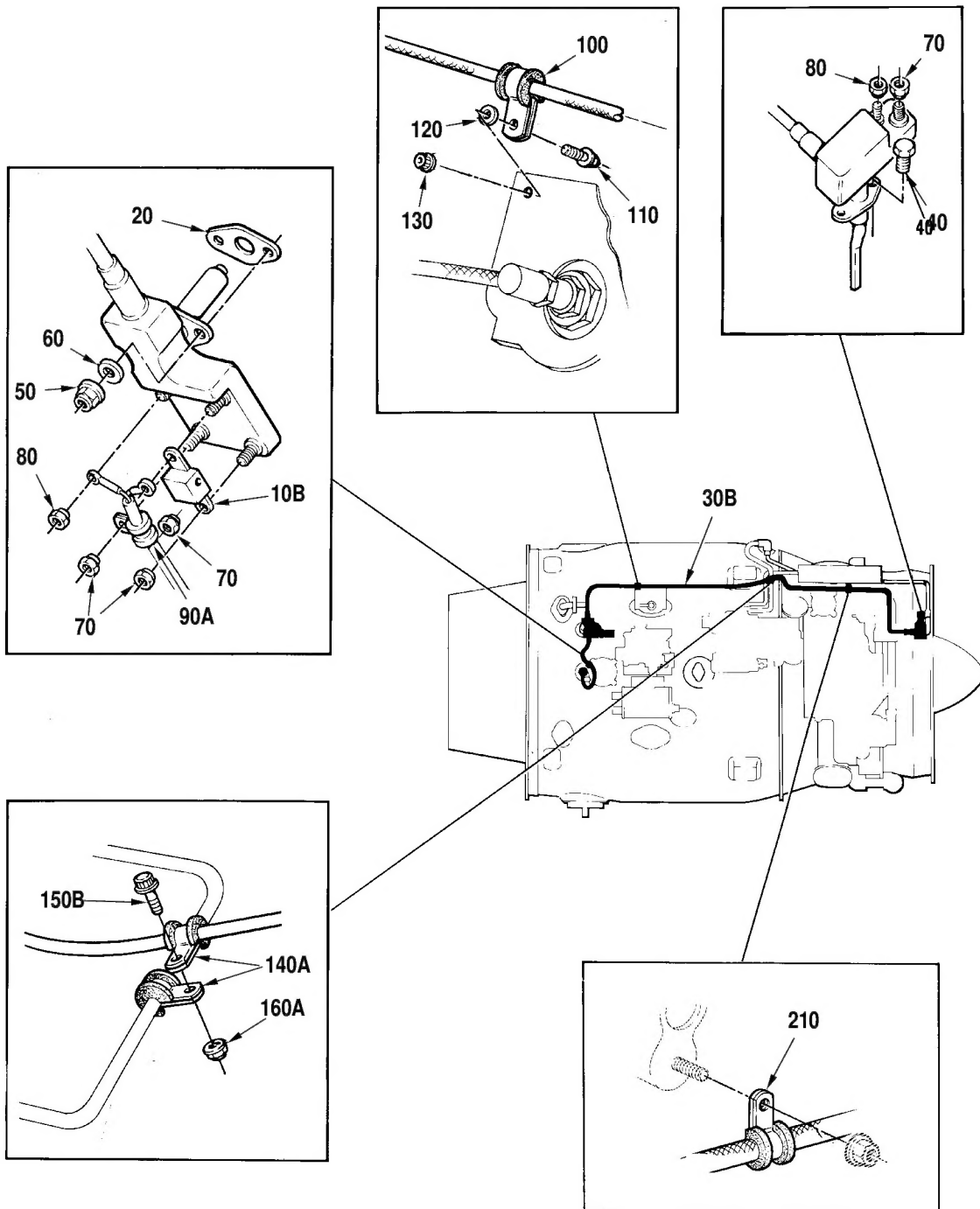
**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

<u>TITLE</u>	<u>TABLE OF CONTENTS</u>	<u>CH/SE/SU</u>	<u>FIGURE</u>
T/1 Thermocouple Wiring Harness Installation (JT15D Cessna & Mitsubishi)		77-00-01	3
T/1 Thermocouple Wiring Harness Installation (JT15D-1/1A)		77-00-01	1
T/1 Thermocouple Wiring Harness Installation (JT15D-4 Aerospatiale)		77-00-01	2
T/6 Thermocouple Wiring Harness And Probes		77-00-02	1
Pressure Sensing System Installation		77-00-03	1



## **T/1 Thermocouple Wiring Harness Installation (JT15D-1/1A)**

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**



C52170C

T/I Thermocouple Wiring Harness Installation  
(JT15D-1/1A)  
Figure 1

**77-00-01**

**Figure 1**

Page 2

Sep 29/2000

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	1234567 NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1					
- 1			T/1 THERMOCOUPLE WIRING HARNESS INSTALLATION (JT15D-1/1A) SEE 72-00-50 FIG. 1 FOR NHA	A C G	REF
- 10	3019675		.RESISTOR, VARIABLE, LINEAR PRECISION SEE NOTE 1 PRE-SB7099 NONINTR WITH P/N 3028018	A C G	1
- 10A	3027330		.RESISTOR, VARIABLE, LINEAR PRECISION SEE NOTE 1 NONINTR WITH P/N 3028018	A C G	1
10B	3028018		.RESISTOR, VARIABLE, LINEAR PRECISION SEE NOTE 1 POST-SB7099	A C G	1
20	3016037		.GASKET, TWO-HOLE PRE-SB7394R2 TWO-WAY INTRCHG WITH P/N 3039923	A C G	1
- 20A	3039923		.GASKET, TWO-HOLE POST-SB7394R2	A C G	1
- 30	3019173		.WIRING HARNESS, T/1 THERMOCOUPLE SEE NOTE 1 INTRCHG WITH P/N 3027332	A C G	1
- 30A	3027332		.WIRING HARNESS, T/1 THERMOCOUPLE SEE NOTE 1 PRE-SB7099 NONINTR WITH P/N 3028025	A C G	1
30B	3028025		.WIRING HARNESS, T/1 THERMOCOUPLE SEE NOTE 1 POST-SB7099 PRE-JT15D SPB NO.48R1	A C G	1
- 30C	3119095-01		.WIRING HARNESS, T/1 THERMOCOUPLE SEE NOTE 1 POST-SB7099 POST-JT15D SPB NO.48R1	A C G	1
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL
A JT15D-1		
C JT15D-1A(CSNA)		
G JT15D-1B(CSNA)		

**77-00-01**  
**Figure 1**  
Page 3  
Sep 29/2000

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1			1234567		
			ATTACHING PARTS		
40	MS9529-04		.BOLT, MACHINE, HEX, DRILLED INTRCHG WITH P/N MS9923-04	A C G	2
- 40A	MS9923-04		.BOLT, MACHINE, DRD DBL HEX	A C G	2
50	3012675		.NUT OPTION NUT SELF-LOCKING, HEX O.190-32UNJF-3B (IC) CONSISTS OF:	A	2
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
60	MS9321-09		.WASHER, FLAT	A C G	2
70	3009921		.NUT, SLFLKG, HEX POST-SB7099	A C G	4
80	3009922		.NUT, SLFLKG, HEX POST-SB7099	A C G	2
			-----*-----		
- 90	3003887		.CLAMP ASSY, LOOP CUSHIONED PRE-SB7099 NONINTR WITH P/N 3004359	A C G	1
90A	3004359		.CLAMP ASSY, LOOP CUSHIONED POST-SB7099	A C G	1
100	3006614		.CLAMP ASSY, LOOP CUSHIONED POST-SB7011	A C G	1
			ATTACHING PARTS		
110	MS9914-10		.BOLT, MACHINE, DBL HEX, POST-SB7011	A C G	1
120	3019130		.SPACER, FLAT POST-SB7011	A C G	1
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL
A JT15D-1		
C JT15D-1A(CSNA)		
G JT15D-1B(CSNA)		

**77-00-01**  
**Figure 1**  
Page 4  
Sep 29/2000



**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	1234567 NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1					
130	3012675		.NUT OPTION NUT SELF-LOCKING, HEX 0.190-32UNJF-3B POST-SB7011 (IC) CONSISTS OF:	A C G	1
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
			-----*-----		
- 140	3006614		.CLAMP ASSY, LOOP CUSHIONED PRE-SB7093	A C G	4
140A	3006614		.CLAMP ASSY, LOOP CUSHIONED POST-SB7093	A C G	2
			ATTACHING PARTS		
- 150	3013513		.BOLT, MACHINE, DBL HEX INTRCHG WITH P/N MS9914-06	A C G	2
- 150A	MS9914-06		.BOLT, MACHINE, DBL HEX PRE-SB7093	A C G	2
150B	MS9914-06		.BOLT, MACHINE, DBL HEX POST-SB7093	A C G	1
- 160	3012675		.NUT OPTION NUT SELF-LOCKING, HEX 0.190-32UNJF-3B PRE-SB7093 (IC) CONSISTS OF:	A G	2
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
160A	3012675		.NUT OPTION NUT SELF-LOCKING, HEX 0.190-32UNJF-3B POST-SB7093 (IC) CONSISTS OF:	A C G	1
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
			-----*-----		

CONTINUED

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL
A JT15D-1		
C JT15D-1A(CSNA)		
G JT15D-1B(CSNA)		

**77-00-01**  
**Figure 1**  
Page 5  
Sep 29/2000

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1			1234567		
- 170	MS9592-009		.BRACKET, ANGLE, 90 DEG, POST-SB7011 PRE-SB7093	A C G	1
- 180	3006614		.CLAMP ASSY LOOP CUSHIONED, PRE-SB7093	A C G	1
- 190	3013513		ATTACHING PARTS .BOLT, MACHINE, DBL HEX INTRCHG WITH P/N MS9914-06	A C G	1
- 190A	MS9914-06		.BOLT, MACHINE, DBL HEX PRE-SB7093	A C G	1
- 200	3012675		.NUT OPTION NUT SELF-LOCKING, HEX 0.190-32UNJF-3B PRE-SB7093 (IC) CONSISTS OF:	A C G	1
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
			-----*-----		
210	3006614		.CLAMP ASSY, LOOP CUSHIONED POST-SB7093	A C G	1
			NOTE 1: FOR ADDITIONAL INFORMATION REFER TO P&WC ENGINE OVERHAUL MANUAL P/N 3017543		

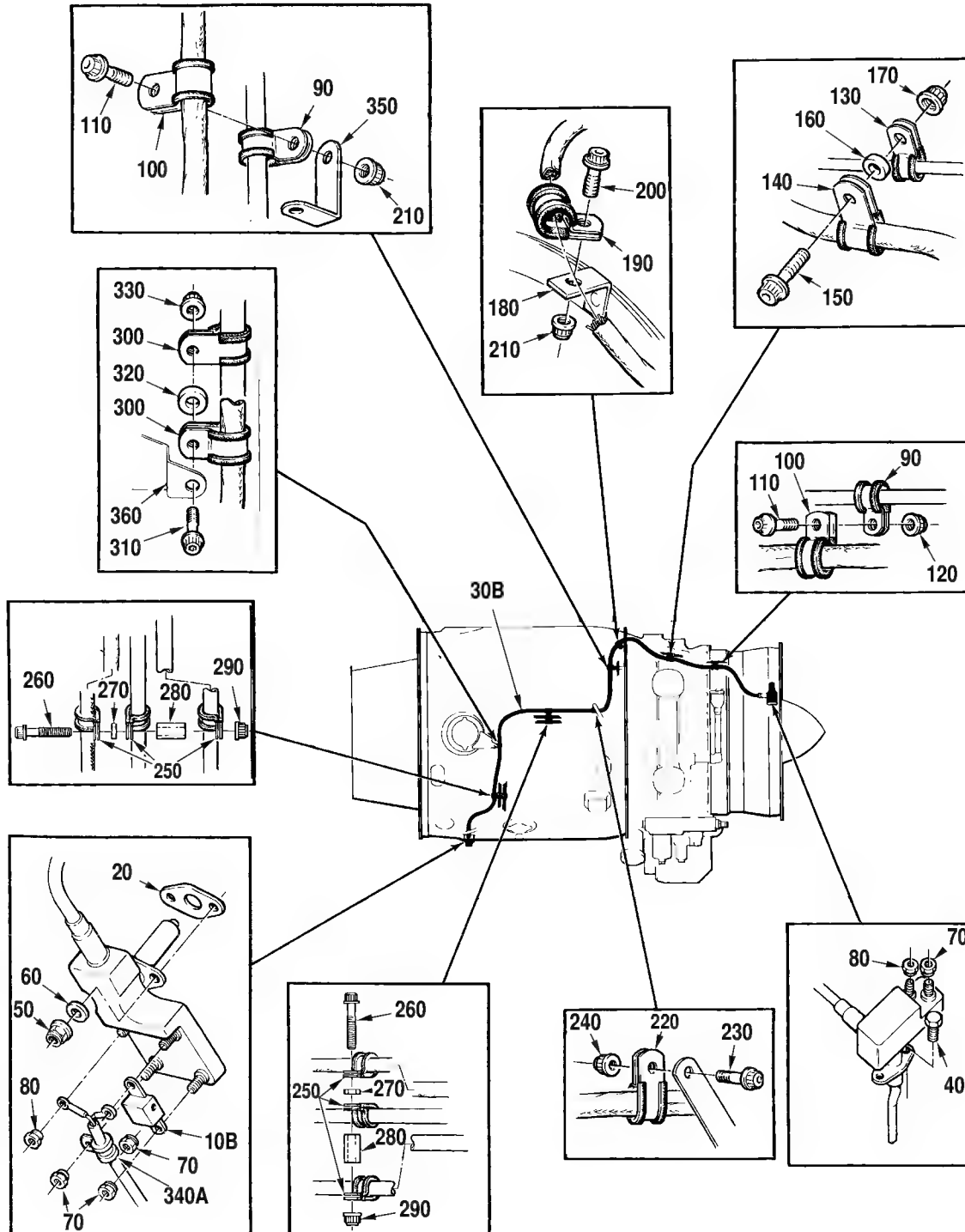
- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL
A JT15D-1		
C JT15D-1A(CSNA)		
G JT15D-1B(CSNA)		

**77-00-01**  
**Figure 1**  
Page 6  
Sep 29/2000

**T/1 Thermocouple Wiring Harness  
Installation (JT15D-4  
Aerospatiale)**

PRATT & WHITNEY CANADA  
ILLUSTRATED PARTS CATALOG  
MANUAL PART NO. 3017544



C52171B

T/1 Thermocouple Wiring Harness Installation (JT15D-4  
Aerospatiale)  
Figure 2

**77-00-01**

**Figure 2**

Page 2

Sep 29/2000

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
2			1234567		
- 1			T/1 THERMOCOUPLE WIRING HARNESS INSTALLATION (JT15D-4 AEROSPATIALE) SEE 72-00-50 FIG. 1 FOR NHA	E	REF
- 10	3019675		.RESISTOR, VARIABLE, LINEAR PRECISION SEE NOTE 1 PRE-SB7099 NONINTR WITH P/N 3028018	E	1
- 10A	3027330		.RESISTOR, VARIABLE, LINEAR PRECISION SEE NOTE 1 NONINTR WITH P/N 3028018	E	1
10B	3028018		.RESISTOR, VARIABLE, LINEAR PRECISION POST-SB7099	E	1
20	3016037		.GASKET, TWO-HOLE PRE-SB7394R2 TWO-WAY INTRCHG WITH P/N 3039923	E	1
- 20A	3039923		.GASKET, TWO-HOLE POST-SB7394R2	E	1
- 30	3022323		.WIRING HARNESS, T/1 THERMOCOUPLE SEE NOTE 1 INTRCHG WITH P/N 3027333	E	1
- 30A	3027333		.WIRING HARNESS, T/1 THERMOCOUPLE SEE NOTE 1 PRE-SB7099 NONINTR WITH P/N 3028022	E	1
30B	3028022		.WIRING HARNESS, T/1 THERMOCOUPLE POST-SB7099 PRE-JT15D SPB NO.48R1 TWO-WAY INTRCHG WITH P/N 3119094-01	E	1
- 30C	3119094-01		.WIRING HARNESS, T/1 THERMOCOUPLE POST-JT15D SPB NO.48R1	E	1
40	MS9529-04		.BOLT, MACHINE, HEX, DRILLED INTRCHG WITH P/N MS9923-04	E	2
- 40A	MS9923-04		.BOLT, MACHINE, DRD DBL HEX	E	2
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL E JT15D-4(Aerosp)	EFF MODEL	EFF MODEL
--------------------------------	-----------	-----------

**77-00-01**  
**Figure 2**  
Page 3  
Sep 29/2000

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
2			1234567		
50	3012675		.NUT OPTION NUT SELF-LOCKING, HEX 0.190-32UNJF-3B (IC) CONSISTS OF:	E	2
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
60	MS9321-09		.WASHER, FLAT	E	2
70	3009921		.NUT, SLFLKG, HEX POST-SB7099	E	4
80	3009922		.NUT, SLFLKG, HEX POST-SB7099	E	2
90	3003887		.CLAMP ASSY, LOOP, CUSHIONED POST-SB7099	E	2
100	3006614		.CLAMP ASSY, LOOP CUSHIONED ATTACHING PARTS	E	2
110	MS9914-07		.BOLT, MACHINE, DBL HEX	E	2
120	3012675		.NUT OPTION NUT SELF-LOCKING, HEX 0.190-32UNJF-3B (IC) CONSISTS OF:	E	2
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
			-----*-----		
130	3003887		.CLAMP ASSY, LOOP CUSHIONED	E	1
140	3006614		.CLAMP ASSY, LOOP CUSHIONED ATTACHING PARTS	E	1
150	MS9914-07		.BOLT, MACHINE, DBL HEX	E	1
160	3019130		.SPACER, SLEEVE	E	1
170	3012675		.NUT OPTION NUT SELF-LOCKING, HEX 0.190-32UNJF-3B (IC) CONSISTS OF:	E	1
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
			-----*-----		
180	MS9592-008		.BRACKET, ANGLE, 90 DEG	E	1

CONTINUED

- ITEM NOT ILLUSTRATED

EFF MODEL E JT15D-4(Aerosp)	EFF MODEL	EFF MODEL
--------------------------------	-----------	-----------

**77-00-01**  
**Figure 2**  
Page 4  
Sep 29/2000

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	1234567 NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
2			<p align="center">ATTACHING PARTS</p> <p>190 3006614 .CLAMP ASSY, LOOP E 1</p> <p>200 MS9914-07 .BOLT, MACHINE, DBL HEX E 1</p> <p>210 3012675 .NUT OPTION E 1</p> <p>NUT SELF-LOCKING, HEX</p> <p>0.190-32UNJF-3B</p> <p>(IC) CONSISTS OF:</p> <p>3005816 ..NUT AR</p> <p>3012674 ..NUT AR</p> <p>3028286 ..NUT AR</p> <p align="center">-----*-----</p> <p>220 3006614 .CLAMP ASSY, LOOP CUSHIONED E 1</p> <p align="center">ATTACHING PARTS</p> <p>230 MS9914-07 .BOLT, MACHINE, DBL HEX E 1</p> <p>240 3012675 .NUT OPTION E 1</p> <p>NUT SELF-LOCKING, HEX</p> <p>0.190-32UNJF-3B</p> <p>(IC) CONSISTS OF:</p> <p>3005816 ..NUT AR</p> <p>3012674 ..NUT AR</p> <p>3028286 ..NUT AR</p> <p align="center">-----*-----</p> <p>250 3006614 .CLAMP ASSY, LOOP CUSHIONED E 6</p> <p align="center">ATTACHING PARTS</p> <p>260 MS9914-19 .BOLT, MACHINE, DBL HEX E 2</p> <p>270 3019130 .SPACER, SLEEVE E 2</p> <p>280 3013461 .SPACER, SLEEVE E 2</p> <p>290 3012675 .NUT OPTION E 2</p> <p>NUT SELF-LOCKING, HEX</p> <p>0.190-32UNJF-3B</p> <p>(IC) CONSISTS OF:</p> <p>3005816 ..NUT AR</p> <p>3012674 ..NUT AR</p> <p>3028286 ..NUT AR</p> <p align="center">-----*-----</p> <p>300 3006614 .CLAMP ASSY, LOOP CUSHIONED E 2</p> <p align="center">ATTACHING PARTS</p> <p>310 MS9914-08 .BOLT, MACHINE, DBL HEX, E 1</p>		

CONTINUED

- ITEM NOT ILLUSTRATED

EFF MODEL E JT15D-4(Aerosp)	EFF MODEL	EFF MODEL
--------------------------------	-----------	-----------

**77-00-01**  
**Figure 2**  
Page 5  
Sep 29/2000

PRATT & WHITNEY CANADA  
ILLUSTRATED PARTS CATALOG  
MANUAL PART NO. 3017544

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	1234567 NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
2					
320	3019130		.SPACER, SLEEVE	E	1
330	3012675		.NUT OPTION NUT SELF-LOCKING, HEX 0.190-32UNJF-3B (IC) CONSISTS OF:	E	1
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
			-----*-----		
- 340	3003887		.CLAMP ASSY, LOOP CUSHIONED PRE-SB7099	E	1
340A	3004359		.CLAMP ASSY, LOOP CUSHIONED POST-SB7099	E	1
			ATTACHING PARTS		
350	MS9592-223		.BRACKET, ANGLE, 90 DEG	E	1
360	3022611		.BRACKET, HARNESS AND TUBE SUPPORT	E	1
			-----*-----		
			NOTE 1: FOR ADDITIONAL INFORMATION REFER TO P&WC ENGINE OVERHAUL MANUAL P/N 3017543		

- ITEM NOT ILLUSTRATED

EFF MODEL E JT15D-4(Aerosp)	EFF MODEL	EFF MODEL
--------------------------------	-----------	-----------



# **T/1 Thermocouple Wiring Harness Installation (JT15D Cessna & Mitsubishi)**

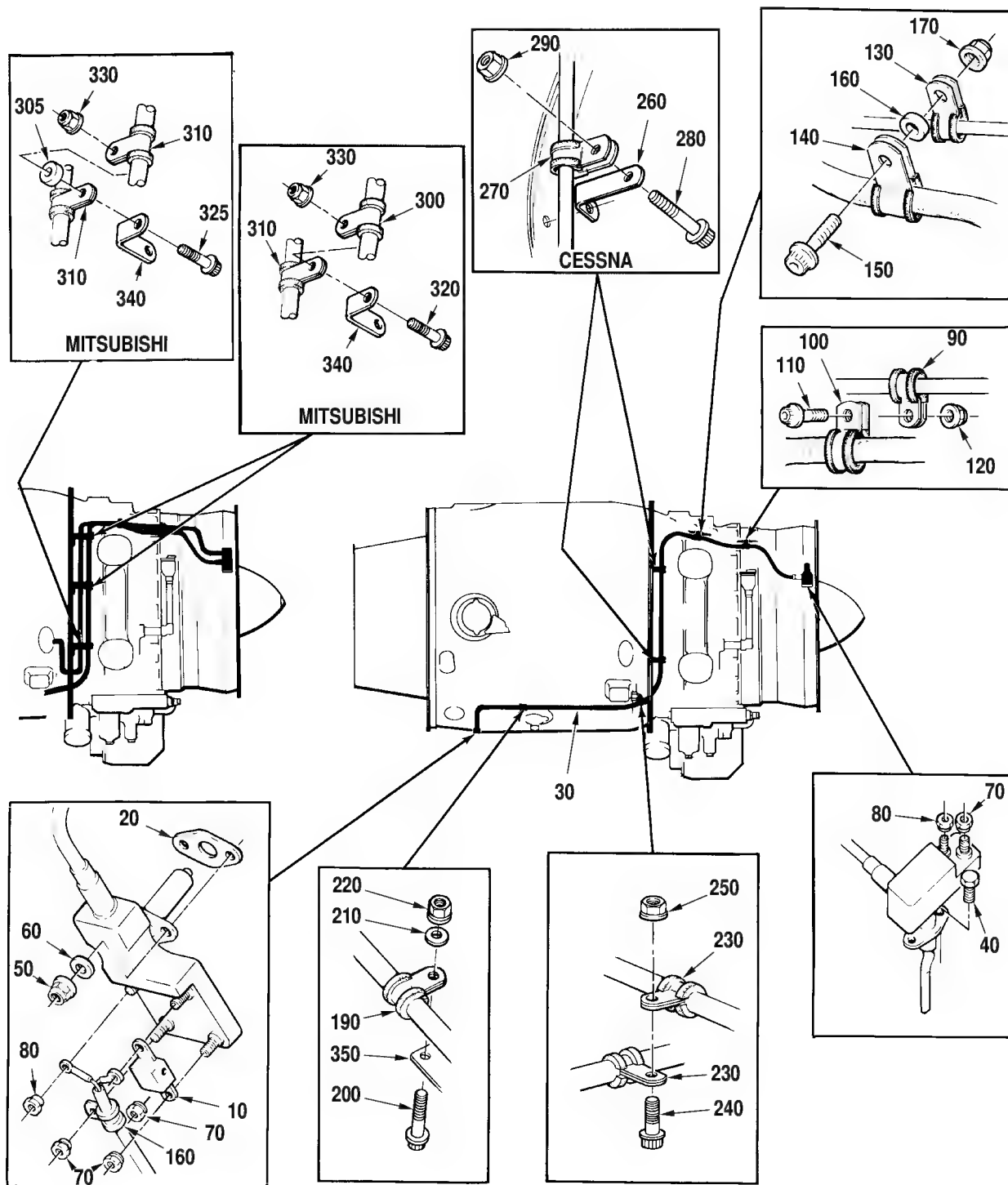
**77-00-01**

**Figure 3**

Page 1

Sep 29/2000

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**



C52186C

T/1 Thermocouple Wiring Harness Installation (JT15D  
Cessna & Mitsubishi)  
Figure 3

**77-00-01**  
**Figure 3**  
Page 2  
Sep 29/2000

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3			1234567		
- 1			T/1 THERMOCOUPLE WIRING HARNESS INSTALLATION (JT15D CESSNA & MITSUBISHI) SEE 72-00-00 FIG. 1 FOR NHA	D F H J	REF
10	3028018		.RESISTOR, VARIABLE, LINEAR PRECISION SEE NOTE 1	D F H J	1
20	3016037		.GASKET, TWO-HOLE PRE-SB7394R2 TWO-WAY INTRCHG WITH P/N 3039923	D F H J	1
- 20A	3039923		.GASKET, TWO-HOLE POST-SB7394R2	D F H J	1
30	3028022		.WIRING HARNESS, T/1 THERMOCOUPLE SEE NOTE 1 PRE-JT15D SPB NO.48R1 TWO-WAY INTRCHG WITH P/N 3119094-01	D H J	1
- 30A	3119094-01		.WIRING HARNESS, T/1 THERMOCOUPLE SEE NOTE 1 POST-JT15D SPB NO.48R1	D H J	1
40	MS9529-04		.BOLT, MACHINE, HEX, DRILLED INTRCHG WITH P/N MS9923-04	D F H J	2
- 40A	MS9923-04		.BOLT, MACHINE, DRD DBL HEX	D F H J	2
50	3012675		.NUT OPTION NUT SELF-LOCKING, HEX 0.190-32UNJF-3B (IC) CONSISTS OF:	D F H J	2
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
60	MS9321-09		.WASHER, FLAT	D F H J	2

CONTINUED

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL
D JT15D-4(CSNA)		
F JT15D-4(Mitsub)		
H JT15D-4B(CSNA)		
J JT15D-4D(Mitsub)		

**77-00-01**  
**Figure 3**  
Page 3  
Sep 29/2000

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3			1234567		
70	3009921		.NUT, SLFLKG, HEX	D F H J	4
80	3009922		.NUT, SLFLKG, HEX	D F H J	2
90	3003887		.CLAMP ASSY, LOOP CUSHIONED	D F H J	1
100	3006614		.CLAMP ASSY, LOOP CUSHIONED	D F H J	1
110	MS9914-07		ATTACHING PARTS .BOLT, MACHINE, DBL HEX	D F H J	1
120	3012675		.NUT OPTION NUT SELF-LOCKING, HEX 0.190-32UNJF-3B (IC) CONSISTS OF:	D F H J	1
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
			-----*-----		
130	3003887		.CLAMP ASSY, LOOP CUSHIONED	D F H J	1
140	3006614		.CLAMP ASSY, LOOP CUSHIONED	D F H J	1
150	MS9914-07		ATTACHING PARTS .BOLT, MACHINE, DBL HEX	D F H J	1
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL
D JT15D-4(CSNA)		
F JT15D-4(Mitsub)		
H JT15D-4B(CSNA)		
J JT15D-4D(Mitsub)		

**77-00-01**  
**Figure 3**  
Page 4  
Sep 29/2000

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3			1234567		
160	3019130		.SPACER, SLEEVE	D F H J	1
170	3012675		.NUT OPTION NUT SELF-LOCKING, HEX O.190-32UNJF-3B (IC) CONSISTS OF:	D F H J	1
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
			-----*-----		
180	3004359		.CLAMP ASSY, LOOP CUSHIONED	D F H J	1
			ATTACHING PARTS		
190	3006614		.CLAMP ASSY, LOOP CUSHIONED	D F H J	1
200	MS9914-10		.BOLT, MACHINE, DBL HEX	D F H J	1
210	3019130		.SPACER, SLEEVE	D F H J	1
220	3012675		.NUT OPTION NUT SELF-LOCKING, HEX O.190-32UNJF-3B (IC) CONSISTS OF:	D F H J	1
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
			-----*-----		
230	3006614		.CLAMP ASSY, LOOP CUSHIONED	D F H J	2
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL
D JT15D-4(CSNA)		
F JT15D-4(Mitsub)		
H JT15D-4B(CSNA)		
J JT15D-4D(Mitsub)		

**77-00-01**  
**Figure 3**  
Page 5  
Sep 29/2000

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3			1234567		
			ATTACHING PARTS		
240	MS9914-06		.BOLT, MACHINE, DBL HEX	D F H J	1
250	3012675		.NUT OPTION NUT SELF-LOCKING, HEX 0.190-32UNJF-3B (IC) CONSISTS OF:	D F H J	1
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
			-----*-----		
260	MS9592-054		.BRACKET, ANGLE, 90 DEG	D H	2
			ATTACHING PARTS		
270	3006614		.CLAMP ASSY, LOOP CUSHION,	D H	2
280	MS9914-06		.BOLT, MACHINE, DBL HEX	D H	2
290	3012675		.NUT OPTION NUT SELF-LOCKING, HEX 0.190-32UNJF-3B (IC) CONSISTS OF:	D H	2
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
			-----*-----		
300	3006614		.CLAMP ASSY, LOOP CUSHIONED	F J	3
305	3008891		.SPACER, FLAT	F J	1
310	3003887		.CLAMP ASSY, LOOP CUSHIONED SEE 75-00-01 FIG. 3 FOR NHA	F J	REF
			ATTACHING PARTS		
320	MS9914-06		.BOLT, MACHINE, DBL HEX SEE 75-00-01 FIG. 3 FOR NHA	F J	REF
325	MS9914-11		.BOLT, MACHINE, DBL, HEX	F J	1
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL
D JT15D-4(CSNA)		
F JT15D-4(Mitsub)		
H JT15D-4B(CSNA)		
J JT15D-4D(Mitsub)		

**77-00-01**  
**Figure 3**  
Page 6  
Sep 29/2000

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3			1234567		
330	3012675		.NUT OPTION NUT SELF-LOCKING, HEX 0.190-32UNJF-3B SEE 75-00-01 FIG. 3 FOR NHA (IC) CONSISTS OF:	F J	REF
	3005816		..NUT		AR
	3012674		..NUT		AR
	3028286		..NUT		AR
			-----*-----		
340	MS9592-050		.BRACKET, ANGLE, 90 DEG SEE 75-00-01 FIG. 3 FOR NHA	F J	REF
350	3017387		.BRACKET, RETAINING, SEAL CARRIER	H J	1
			NOTE 1: FOR ADDITIONAL INFORMATION REFER TO P&WC ENGINE OVERHAUL MANUAL P/N 3017543		

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL
F JT15D-4(Mitsub)		
H JT15D-4B(CSNA)		
J JT15D-4D(Mitsub)		

**77-00-01**  
**Figure 3**  
Page 7/8  
Sep 29/2000





# **T/6 Thermocouple Wiring Harness And Probes**

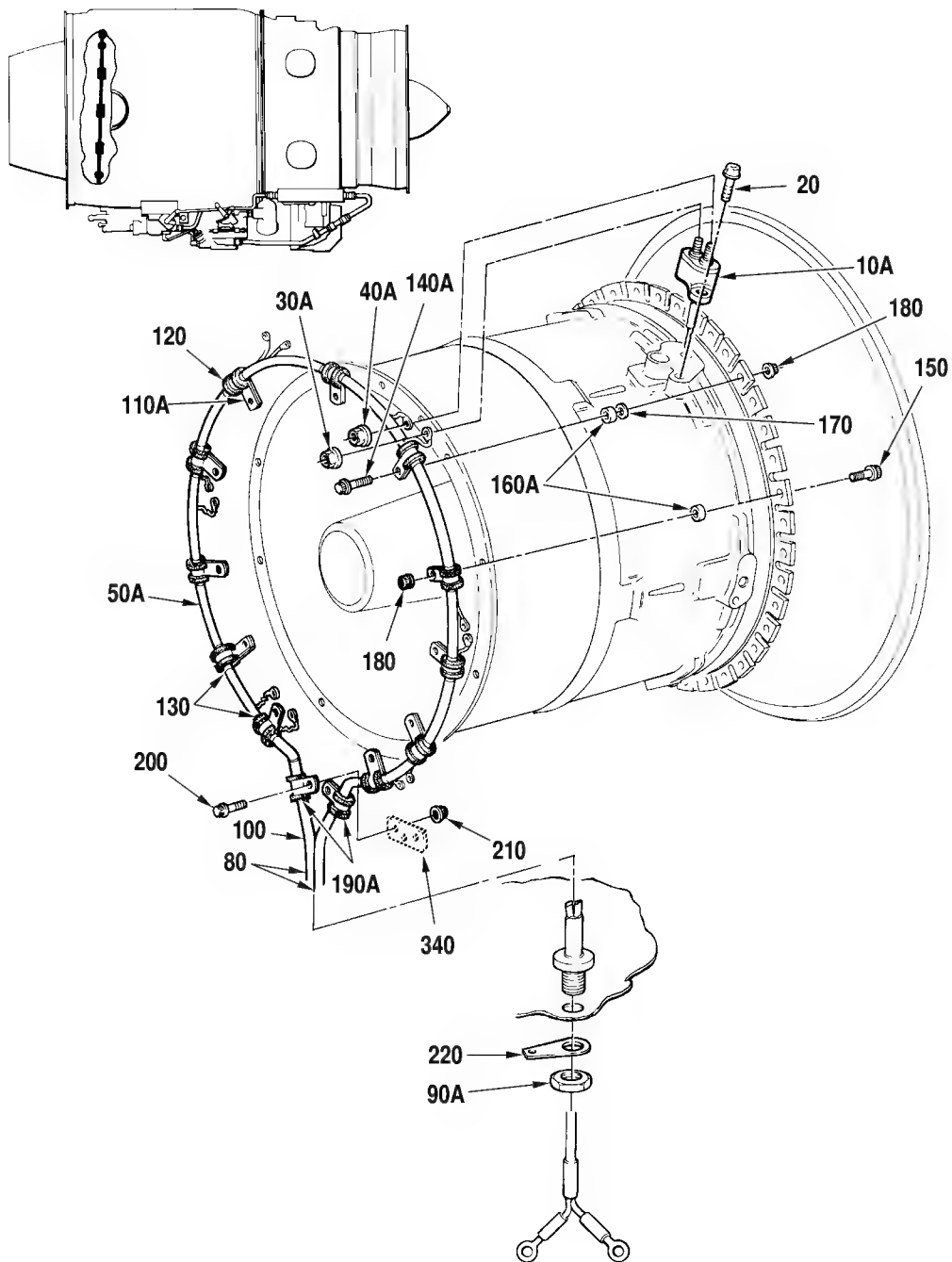
**77-00-02**

**Figure 1**

Page 1

Apr 13/2001

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**



T/6 Thermocouple Wiring Harness And Probes  
 Figure 1

C52172A

**77-00-02**

**Figure 1**

Page 2

Apr 13/2001

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	1234567 NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1					
- 1			T/6 THERMOCOUPLE WIRING HARNESS AND PROBES SEE 72-00-00 FIG. 1 FOR NHA		REF
- 10	3014388		.THERMOCOUPLE OPTION (IC) THERMOCOUPLE, IMMERSION, T/6 SEE NOTE 1 PRE-SB7099 NONINTR WITH P/N 3028011 (IC) CONSISTS OF:		6
	3014386		..THERMOCOUPLE		AR
	3014390		..THERMOCOUPLE		AR
10A	3028011		.THERMOCOUPLE OPTION (IC) THERMOCOUPLE, IMMERSION, T/6 SEE NOTE 1 POST-SB7099 (IC) CONSISTS OF:		6
	3027329		..THERMOCOUPLE		AR
	3028010		..THERMOCOUPLE		AR
- 10B	3027329		.THERMOCOUPLE, IMMERSION, T6 POST-JT15D SPB NO.3 PRE-SB7531 TWO-WAY INTRCHG WITH P/N 3120096-01		6
- 10C	3120096-01		.THERMOCOUPLE, IMMERSION, T6 POST-SB7531		6
			ATTACHING PARTS		
20	MS9574-04		.BOLT, MACHINE, DRILLED, DBL -----*-----		6
- 30	MS9555-03		.SCREW, MACHINE, DBL HEX PRE-SB7099 NONINTR WITH P/N 3009921		6
30A	3009921		.NUT, SLFLKG, HEX POST-SB7099		6
- 40	MS9554-03		.SCREW, MACHINE, DBL HEX PRE-SB7099 NONINTR WITH P/N 3009922		6
40A	3009922		.NUT, SLFLKG, HEX POST-SB7099		6
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL

**77-00-02**  
**Figure 1**  
Page 3  
Apr 13/2001

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	1234567 NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1					
- 50	3022688		.WIRING HARNESS ASSY, T/6 THERMOCOUPLE SEE NOTE 1 POST-SB7024 PRE-SB7099 NONINTR WITH P/N 3028015		1
50A	3028015		.WIRING HARNESS, T/6 THERMOCOUPLE SEE NOTE 1 POST-SB7099 PRE-JT15D SPB NO.48		1
- 50B	3119093-01		.WIRING HARNESS, T/6 THERMOCOUPLE SEE NOTE 1 POST-JT15D SPB NO.48		1
- 55	3030277		.TERMINAL, LUG, POSITIVE, TYPE K POST-JT15D SPB NO.48		7
- 57	3030278		.WASHER, KEY, 2.100 X 2.475 X 0.034 POST-JT15D SPB NO.48		7
- 60	3016083		..WIRING HARNESS, T/6 THERMOCOUPLE COMPONENT OF P/N 3022688 PRE-SB7099 NONINTR WITH P/N 3028014		1
- 60A	3028014		..WIRING HARNESS ASSY, T/6 THERMOCOUPLE COMPONENT OF P/N 3028015 POST-SB7099 PRE-JT15D SPB NO.48		NP
- 70	AN960D1016		...WASHER, FLAT USE WITH P/N 3016083		1
80	3022687		..TUBE, SEALING POST-SB7024		2
- 90	NO NUMBER		..NUT, PLAIN, ELECTRICAL USE WITH P/N 3016083) PRE-SB7099 MS21340-25 MAY BE USED FOR REPLACEMENT		1
90A	NO NUMBER		..NUT, PLAIN, HEX, 0.625 X 24 THD POST-SB7099 MS3186-31 MAY BE USED FOR REPLACEMENT		1
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL

**77-00-02**

**Figure 1**

Page 4

Apr 13/2001

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	1234567 NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1					
- 100	3021354		.TAPE, SPIRAL WOUND PRE-SB7024 APPROX. 12 IN. IS REQUIRED PER HARNESS ASSY, TAPE SUPPLIED IN 50 FT. ROLL		AR
- 110	3004359		.CLAMP ASSY, LOOP CUSHIONED PRE-SB7024 NONINTR WITH P/N MS122905		8
110A	MS122905		.CLAMP, LOOP, METAL POST-SB7024		11
120	3008972		.GROMMET, LOOP, CLAMP POST-SB7024		11
130	3022686		.TAPE, GLASS CLOTH, 1.000 WIDE 33 IN POST-SB7024 APPROX. 33 IN. IS REQUIRED PER HARNESS ASSY. TAPE SUPPLIED IN 50 FT. ROLL		AR
			ATTACHING PARTS		
- 140	MS9556-11		.BOLT, MACHINE, DBL HEX PRE-SB7024 NONINTR WITH P/N MS9556-19		4
140A	MS9556-19		.BOLT, MACHINE, DBL HEX POST-SB7024, PRE-SB7182 NONINTR WITH P/N MS9696-19		4
- 140B	MS9696-19		.BOLT, MACHINE, DBL HEX POST-SB7182		4
150	MS9556-15		.BOLT, MACHINE, DBL HEX PRE-SB7182 NONINTR WITH P/N MS9696-15		7
- 150A	MS9696-15		.BOLT, MACHINE, DBL HEX POST-SB7182		7
- 160	3019191		.SPACER, SLEEVE PRE-SB7024		8
160A	3019191		.SPACER, SLEEVE POST-SB7024		11
170	3019130		.SPACER, FLAT		4
180	3012414		.NUT OPTION (IC) SEE TABLE FOR OPTIONAL PART NUMBERS		11
			-----*-----		
			CONTINUED		

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL

**77-00-02**  
**Figure 1**  
Page 5  
Apr 13/2001

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1			1234567		
- 190	3004359		.CLAMP ASSY, LOOP CUSHIONED PRE-SB7024 NONINTR WITH P/N 3008973		2
190A	3008973		.CLAMP ASSY, LOOP CUSHIONED POST-SB7024		2
200	MS9556-05		ATTACHING PARTS .BOLT, MACHINE, DBL HEX PRE-SB7182 NONINTR WITH P/N MS9696-05		2
- 200A	MS9696-05		.BOLT, MACHINE, DBL HEX POST-SB7182		2
210	3012414		.NUT OPTION (IC) SEE TABLE FOR OPTIONAL PART NUMBERS		2
220	3017429		-----*----- .PLATE, SUPPORT, LOOP CLAMP REWORKED FROM P/N 3016083 SEE 74-20-01 FIG. 1 FOR NHA		REF
- 230	3027676		.TUBE, PLASTIC 1 IN. LG USE 2 MIN. TO 12 MAX. NONINTR WITH P/N 3031267 INTRCHG WITH P/N 3100462-03		12
- 230A	3031267		.TUBE, PLASTIC 0.240 ID USE 2 MIN. TO 12 MAX.		12
- 230B	3100462-03		.TUBE, HEAT SHRINKABLE PRE-JT15D SPB NO.62 TWO-WAY INTRCHG WITH P/N ST3130-07		2
- 230C	ST3130-07		.TUBE, HEAT SHRINKABLE POST-JT15D SPB NO.62		2
- 240	3023395		.TERMINAL LUG, CHROMEL USE 1 MIN. TO 6 MAX. NONINTR WITH P/N 3030277		6
- 240A	3030277		.TERMINAL LUG, CHROMEL USE 1 MIN. TO 6 MAX.		6
- 250	3023396		.TERMINAL LUG, ALUMEL USE 1 MIN. TO 6 MAX. NONINTR WITH P/N 3030278		6
- 250A	3030278		.TERMINAL LUG, ALUMEL USE 1 MIN. TO 6 MAX.		6
- 260	3009921		.NUT, SLFLKG, HEX, 0.190-32 X 0.250 USE 1 MIN. TO 6 MAX.		6
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL

**77-00-02**

**Figure 1**

Page 6

Apr 13/2001

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1			1234567		
- 270	3009922		.NUT, SLFLKG, HEX, 0.164-32 X 0.234 USE 1 MIN. TO 6 MAX.		6
- 280	3027675		.WIRING, HARNESS, T6 TC. POST-SB7100		1
- 290	3028132		.WIRING, HARNESS, T6 TC. POST-SB7100		1
- 300	3028133		.WIRING, HARNESS, T6 TC. POST-SB7100		1
- 310	3028134		.WIRING, HARNESS, T6 TC. POST-SB7100		1
- 320	3028135		.WIRING, HARNESS, T6 TC. POST-SB7100		1
- 330	3028136		.WIRING, HARNESS, T6 TC. POST-SB7100		1
340	*****		.BRACKET, FLAT, T/6 THERMOCOUPLE LEADS SEE 73-10-11 FIG. 1  NOTE 1: FOR ADDITIONAL INFORMATION REFER TO P&WC ENGINE OVERHAUL MANUAL P/N 3017543		REF

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL

**77-00-02**  
**Figure 1**  
Page 7/8  
Apr 13/2001





# Pressure Sensing System Installation

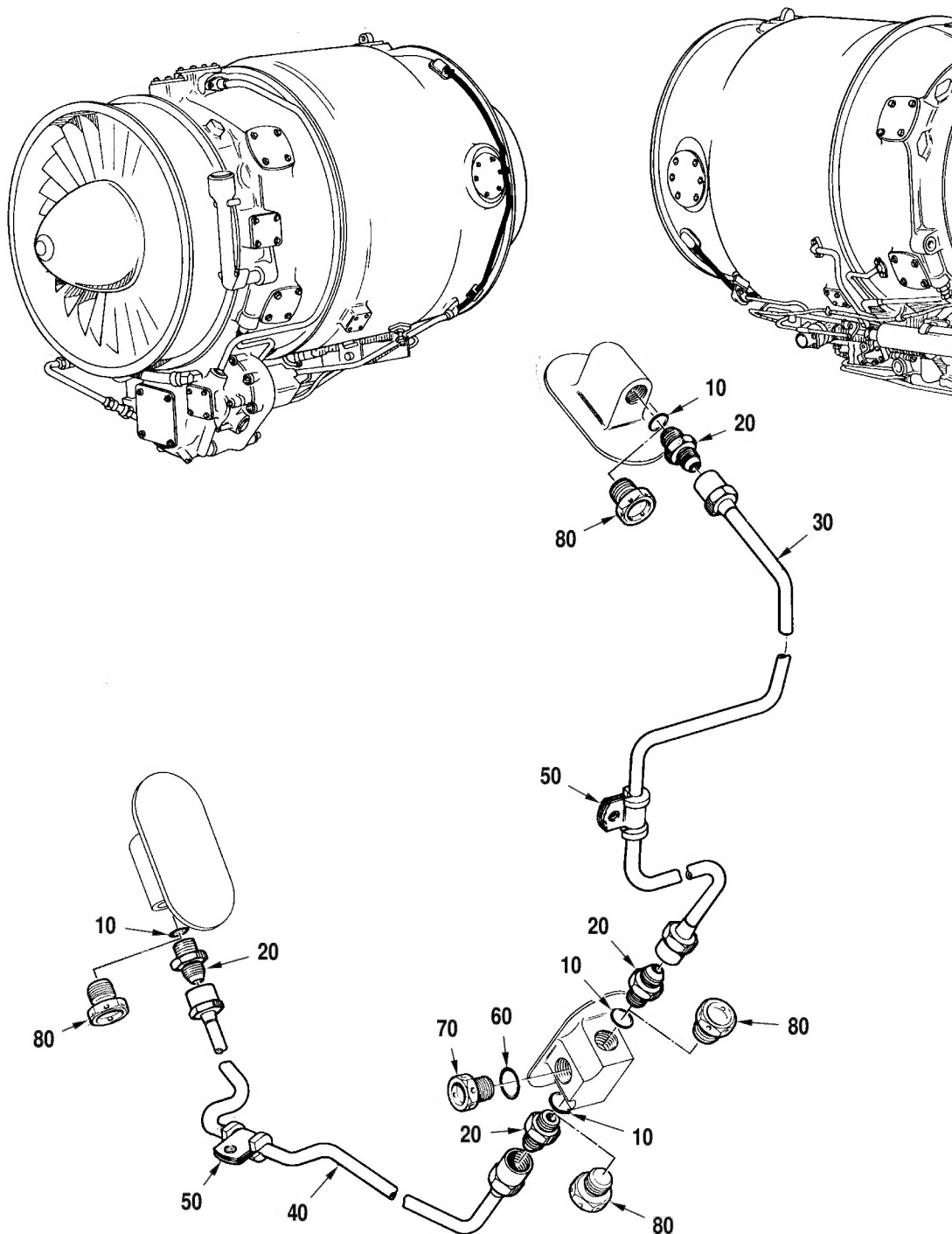
**77-00-03**

**Figure 1**

Page 1

Nov 25/95

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**



Pressure Sensing System Installation  
Figure 1

C52173

**77-00-03**

**Figure 1**

Page 2

Nov 25/95

**PRATT & WHITNEY CANADA**  
**ILLUSTRATED PARTS CATALOG**  
**MANUAL PART NO. 3017544**

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	1234567 NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1					
- 1			PRESSURE SENSING SYSTEM INSTALLATION SEE 72-00-00 FIG. 1 FOR NHA		REF
10	MS9387-03		.PACKING, PREFORMED INTRCHG WITH P/N AS3208-03		4
- 10A	AS3208-03		.PACKING, PREFORMED		4
20	MS9193-03		.NIPPLE, STRAIGHT	A C E G	4
30	3021086		.TUBE ASSY, PRESSURE SENSING INTRCHG WITH P/N 3017447	E	1
- 30A	3017447		.TUBE ASSY, PRESSURE SENSING SEE NOTE 1	A C E G	1
40	3017448		.TUBE ASSY, PRESSURE SENSING	A C E G	1
50	3003887		ATTACHING PARTS .CLAMP ASSY, LOOP CUSHIONED SEE 72-70-04 FIG. 1 FOR REMAINING ATTACHING PARTS SEE 79-20-05 FIG. 1 FOR REMAINING ATTACHING PARTS -----*-----	A C E G	2
60	MS9387-03		.PACKING, PREFORMED INTRCHG WITH P/N AS3208-03		1
- 60A	AS3208-03		.PACKING, PREFORMED		1
70	MS9404-03		.PLUG, MACHINE, HEXAGON INTRCHG WITH P/N MS9902-03		1
- 70A	MS9902-03		.PLUG, MACHINE, HEXAGON		1
80	MS9902-03		.PLUG, MACHINE, HEXAGON SEE NOTE 2		4
			NOTE 1: BASIC FEATURE OF JT15D-1, -1A ENGINES		
CONTINUED					

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL
A JT15D-1		
C JT15D-1A(CSNA)		
E JT15D-4(Aerosp)		
G JT15D-1B(CSNA)		

**77-00-03**  
**Figure 1**  
Page 3  
Nov 25/95

PRATT & WHITNEY CANADA  
ILLUSTRATED PARTS CATALOG  
MANUAL PART NO. 3017544

FIG. ITEM	PART NUMBER	AIRLINE PART NUMBER	1234567	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
1			<div>NOTE 2: BASIC FEATURE OF JT15D-4 ENGINES FITTED TO CESSNA INSTALLATION AND OTHER ENGINES NOT FITTED WITH PRESSURE SENSING TUBES</div>			

- ITEM NOT ILLUSTRATED

EFF MODEL	EFF MODEL	EFF MODEL